

Aisen Caro Chacin

Art Technologist + Interaction Designer

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Current: Ph.D. Human Informatics, Tsukuba University, Prospective 2018

MFA, Design and Technology, Parsons, The New School, May 2013. BFA, Sculpture, Minor Visual Studies, University of Houston, May 2009.

Experience:

Lecturer || Postgraduate Fellow -- *Parsons, The New School, New York, Aug, 2013- Dec 2014*

MFA DT Lecturer of Physical Computing, and Selected Topics, e.g. The Digital Self, Devices for Inquiry, and The Material Spectrum Lab. Developed curricula for both courses, one focusing on introductory electronics, circuit design, microcontroller and software programming. Instructed workshops on code and play, digital fabrication, soldering, PCB design, and circuit schematic literacy. Lead discussions on HCI principles through the design and fabrication of functional prototypes.

Team Lead || Interaction Designer -- *FullSIX and Pernod Ricard, NY, Sept 2014- Dec 2014*

FullSIX in partnership with Pernod Ricard commissioned a project to create an initial prototype for the Connected Bottles Project. The challenge is to integrate the concept of IoT into the liquor industry by introducing peripheral technology to connect bottles to computing devices such as smart phones. Leading a team of three interaction designers and creative technologists, we developed a smart icecube.

Instructor -- *Art/Sci NanoLab, UCLA, Los Angeles, CA, July 2012, Present (Summers)*

Nanolab is a summer college course led by the Art|Sci center at the California NanoSystems Institute at UCLA. Facilitated lessons on circuitry design, etching, SMD soldering, creative coding with micro-controllers. Conducted lectures in relation to contemporary art practices such as Two Cultures, Senses and Sensors: Transducers of the Physical World, and Robotics and Communication. Led discussions on design thinking to engage students in creative inquiry.

Electronics Designer -- *Freelance Solutions Design, Brooklyn, NY, October 2013- Dec 2014*

Prototyping and designing medical devices for therapeutic rehabilitation and EEG systems. Researching alternative methods for substance delivery and interaction design for new devices. Sourcing electronic components, circuitry and enclosure design, assembly and production of PCB boards.

Interaction Designer -- *Interaction Lab, Smart Design, New York, Dec, 2013- May 2014*

Researching and developing electronic prototypes that integrate interaction design with cutting-edge circuit fabrication technology. Work in think-tanks brainstorming new ideas and methods for the devices of the future. Developing concepts in collaboration with other corporations that bridge new technology and interconnected product design.

Publications:

Chacin, Aisen C., [Echolocation Headphones](#). Audio Mobility, Locus Sonus, Ecole Supérieure d'art d'Aix en Provence, France. April 2014.

Chacin, Aisen C., [Play-A-Grill: Music to your Teeth](#). New Interfaces for Musical Expression 12, University of Michigan, May, 2011.

Chacin, Aisen C., [Sensory Pathways for the Plastic Mind](#). MFADT Dissertation, Parsons, The New School, New York, NY, May 2013.

Development Skills:

Arduino, AVR, Eagle CAD, CAM CNC, Rhino; Java, OpenFrameworks(C++); HTML 5, CSS, Javascript; Adobe Suite, 3D Modeling.

Selected Exhibitions and Conferences:

Roadmaps Symposium Speaker, Gigaom, San Francisco, CA. Nov 18-19, 2014.
EarZoom- Speaker and Performer, Institute for Sonic Arts Research, Ljubljana, Slovenia. Oct 16-19, 2014.
NYC Makers Biennial- Artist, Museum of Art and Design, New York, NY, Aug 1- Oct. 16, 2014.
Open Hardware Summit- Presenter, MIT, Cambridge, MA, Sept 6, 2013.
Locus Sonus: Audio Mobilité- Presenter, Ecole supérieure d'art d'Aix en Provence, France, April 2014.
Maker Faire- Maker, New York Hall of Science NYC, Fall 2012, 2013, 2014.
Lone Star Explosion Biennial- Artist, Art League, Houston, TX, Feb. 21, 2014.
MFA DT'13 Symposium/Show- Artist/Presenter/Installation Coordinator, Parsons, The New School, Spring 2013.
Regeneration: Biomodd- Artist Collaborator, New York Hall of Science, Queens, NY, Oct., 2012.
Dorkbot- Presenter, Location One, NYC Fall 2012 tech@nyu
DemoDays- Presenter, Tech Stars/ NYU, NYC, Fall 2011- Fall 2012
Internet of Things Workshop- Collaborator, Tongji University, Shanghai, China, Summer 2012
NIME Conference- Presenter, University of Michigan, Ann Arbor, MI Summer 2012
Spring Faire- Coordinator/Artist, Parsons, The New School NYC, NY, Spring 2011
Heir Today, Gone Tomorrow- Artist, MACC, Austin, TX, Spring 2011
The Future Show- Artist, Sky Dive, Houston, TX, Spring 2011
Slide Jam- Artist and Presenter, Contemporary Arts Museum Houston, TX, Spring 2011
School of Latitudes Summer Residency, Artist, labotanica, Houston, TX, Summer 2010
Circuit Bending Extravaganza- Performer, Binarium Series, Houston, TX, Summer 2010
Incoming Call and Radio on the Radio- Performer, KTRU-Houston, TX, Summer 2010
SUSY: Collaborative Collision of Elusive Particles- Co-Curator, Co-Producer, The Foundry, TX, Summer 2010
Resonant Interval Series # 18 Incoming Call- Director and Performer, Khon's, Houston, TX, Summer 2010
La Lengua Muerta- Curator/Artist, labotanica, Houston, TX, Spring 2010
New World Creole, Panel Member, labotanica, Houston, TX, Spring 2010
Summer Residency, Artist, Project Row Houses, Houston, TX, Summer 2007
Cooler than Usual- Curator/Producer, N Freezer Gallery, Houston, TX, Winter 2009

Societies:

The Electronic Society, Founder and President, Parsons, The New School, NYC, Fall 2012- Spring 2013.
Tech@NYU, E-board Satellite Member, New York University, NYC, Fall 2011- Spring 2013.
SuperColliding Introspective Review, Founder and Facilitator, Houston, TX, Summer, 2010
Association of Student Sculptors, President, University of Houston, Fall 2006- 2007

Public Recognition:

Brakel, M., Eikelboom, W., Duerinck, F., Sense of Smell. Netherlands, August, 2014. ISBN: 978-94-92051-00-4
Many Hands in Creative Frenzy, NYC Makers: The MAD Biennial. NY Times. July 3, 2014.
Sensory Pathways: Knorke Sinne New York. Puls, German Television. June 13, 2014.
Sensory Substitution and Brain Plasticity Segment. CBC Radio, Canada. June, 2014.
Scent Rhythm – The smell of time, Creative Applications, March 12, 2014.
A Watch That Smells You The Time, FastCo., February 25, 2014. A Smartwatch That Tells Time With Scent, Popular Science. January 16, 2014.
Future Tech- Inventor, Daily Planet, Discovery Channel Canada, Feb 15, 2013.
Bling That Plays Music Through Your Teeth. Time, Techland. May 30, 2012.

Awards:

Full Merit Scholarship, Tsukuba University, 2015- 2018.
Project of the Month, Popular Science, November 2012.
Full Merit Scholarship, The New School, 2011- 2013.